

LITERATURE CITED

- Munz, P. A. and D. D. Keck. 1959. A California flora. Univ. of California Press, Berkeley and Los Angeles. 1681 pp.
- Sasakawa, M. 1954. Neue Agromyzidae aus Japan V. Trans. Shikoku Entomol. Soc. 4: 35-49.
- Silverman, J. and R. D. Goeden. 1980. Life history of a fruit fly, *Procecidochares* sp., on the ragweed, *Ambrosia dumosa* (Gray) Payne, in southern California (Diptera: Tephritidae). Pan-Pac. Entomol. 56: 283-288.
- Spencer, K. A. 1981. A revisionary study of the leaf-mining flies (Agromyzidae) of California. Univ. of California Special Publ. 3273; Berkeley. 489 pp.
- Spencer, K. A. and D. S. Hill. 1976. A new species of *Ophiomyia* (Diptera: Agromyzidae) causing leaf-galls on *Ficus microcarpa* in Hong Kong. Bull. Dept. Agric. Hong Kong 1: 419-423.

PROC. ENTOMOL. SOC. WASH.
86(3), 1984, p. 668

NOTE

Lectotype designation for *Rhamphomyia abdita*
Coquillett (Diptera: Empididae)

In response to a request from Howard E. Evans, Colorado State University, for determination of a small series of an empidid fly, I was somewhat taken aback when the specimens arrived and they turned out to be a species of the huge genus *Rhamphomyia*. The latest comprehensive key to this genus is by Coquillett (1895, Proc. U.S. Natl. Mus. 18: 387-440). Surprisingly enough, determinations may frequently still be made with this key if synonymy, etc., are checked in the latest catalog (Stone, A. et al., eds., 1965, Agr. Handbook No. 276). Evans' specimens ran rather easily to *R. abdita* Coquillett (ibid, pp. 430), which is now cataloged as a synonym of *R. sociabilis* (Williston). Melander (1902, Trans. Am. Entomol. Soc. 28: 195) stated the synonymy of these 2 species, both of which are based on specimens of the same series taken by C. V. Piper at Pullman, Washington. Although Coquillett in his description of *R. abdita* cited one male and 3 females as "types" with USNM nos. 3223 and 3224, no type labels remain with specimens now in the USNM collection. There is, however, one male specimen from the original Piper lot in good condition bearing a determination label "*Rhamphomyia abdita* Coq." in Coquillett's handwriting. I have added thereunto a red label "Lectotype *Rhamphomyia abdita* Coq., G. Steyskal, 1984." Comparison of this specimen with numerous other Piper specimens determined as either *R. abdita* or *R. sociabilis* leaves no doubt that they are all of the same species first described as *Empis sociabilis* Williston. Complete references to descriptions, etc., may be found in Stone, A. et al., eds., 1965, A Catalog of the Diptera of America North of Mexico (reprinted by Smithsonian Press, 1983).

George C. Steyskal, *Cooperating Scientist, Systematic Entomology Laboratory, IIBIII, Agricultural Research Service, USDA, % National Museum of Natural History, Washington, D.C. 20560.*